



User guide

Vodafone 858 Smart

vodafone

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1 Safety precautions

Please read these safety precautions carefully before you start using your phone.



Read the Safety Information guide that comes in the box



Do not use while re-fuelling



Do not use hand-held while driving



This device may produce a bright or flashing light



For body-worn operation maintain a separation of 1.5 cm



Do not dispose of in a fire



Small parts may cause a choking hazard



Avoid contact with magnetic media



This device may produce a loud sound



Avoid extreme temperatures



Keep away from pacemakers and other personal medical devices



Avoid contact with liquid, keep dry



Switch off when instructed in hospitals and medical facilities



Do not try and disassemble



Switch off when instructed in aircraft and airports



Do not rely on this device for emergency communications



Switch off in explosive environments



Only use approved accessories

Please also read the Safety Information guide that is included in the box.

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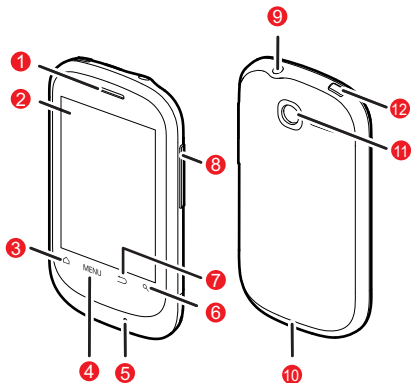
Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

2 Getting to know your phone

2.1 Phone overview

2.1.1 Using the phone

ⓘ All the pictures in this guide are for your reference only. The actual appearance and display features depend on the phone you purchase.



1	Earpiece	2	Touchscreen
3	HOME 	4	MENU MENU
5	Microphone	6	SEARCH 

7	BACK 	8	Volume key
9	Headset jack	10	Charge/Data port
11	Camera	12	Power button 

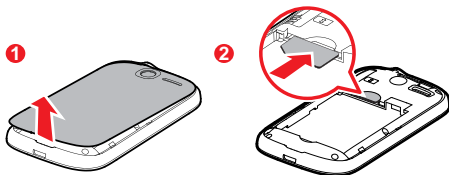
2.1.2 What the keys do

	• Press to turn your phone on.
	• Press and hold to open the Phone options menu. • Press to lock the screen when your phone is active.
	• Touch to return to the previous screen.
	• Touch to exit any application you are running. • Touch to hide the keyboard.
MENU	• Touch to open the menu on an active screen.
	• Touch to return to the Home screen.
	• Touch and hold to show the most recently used applications.
	• Touch to open Google Search for searching your phone and the web.
	• Touch and hold to open Google Search by voice.

2.2 Installing your phoneSetting up your phone

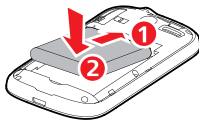
2.2.1 Installing the SIM card

There are two steps to install the SIM card:



1. Take the back cover off. You can lift it up using your fingernail in the narrow opening at the bottom.
2. Insert your SIM card with the gold contacts facing down and the cut-off corner facing out.

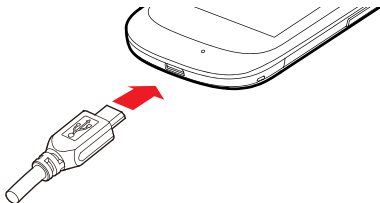
2.2.2 Installing the battery



1. Insert the edge labelled **a** (with the contacts on it) into the top end of the battery compartment.
2. Then push the edge labelled **b** down until the battery clicks firmly into place.

2.2.3 Charging the battery

Before charging the battery, make sure that it has been properly inserted into your phone.



1. Take the USB cable that comes in the box and plug the smaller end into the bottom of the phone.
2. Connect the other end of the USB cable to your charger, then plug the charger into a power socket. Your phone will start charging.

When you first turn your phone on, the battery icon in the notification bar may show that it has some charge already. When this icon changes to , your phone is fully charged – this can take up to 4 hours.

2.2.4 Important information about the battery

- If the battery has not been used for a long period of time, you may not be able to turn your phone on immediately after you begin charging the battery. Allow the battery to charge for a few minutes with the phone turned off before attempting to turn the phone on.
- The battery will not always be able to hold a charge the way it did when it was new. If the battery life becomes noticeably shorter than usual after being charged properly, replace the battery with a new one of the same type.
- Using data services increases demand on the battery and will reduce the length of time it can hold a charge.

- The time required to charge the battery depends on the ambient temperature and the age of the battery.
- When the battery is low on power, the phone plays an alert and displays a prompt. When battery power is almost exhausted, your phone will power off automatically.

2.2.5 Battery saving tips

How long the battery lasts depends on the network that you connect to, and how you use your phone.

Try the following to conserve battery power:

- When you do not need 3G services, set your phone to connect to a 2G network.
- When your phone is not in use, switch off the screen.
- Reduce the time set for your screen light to switch off when you leave your phone idle.
- Lower the screen brightness.
- Use the AC adapter to plug your phone into an external power source whenever possible.
- Turn Bluetooth off when you are not using it. Only make your phone visible to other Bluetooth devices when you need to establish a Bluetooth connection.
- Switch off Wi-Fi when you are not using it.
- Turn off your phone connection to GPS satellites when you are not using it.
- Lower the volume.
- Close power-draining programs, when you do not need them.
- Turn off the data service if you do not need it.

2.3 Turn your phone on or off

2.3.1 Turning your phone on

Press ① to turn on your phone.

❗ If personal identification number (PIN) protection is enabled on your phone, you must enter your PIN before using the phone.

2.3.2 Setting up your phone

The first time you turn on your phone, the phone displays a setup wizard to help you set up the phone.

Make sure you sign in to your Google account, so you can use Google apps like Gmail/Google Mail and Android Market. If you do not have a Google account you will be prompted to set one up. This is free, and will only take a minute or so to do.

You can also set up your other email accounts and favourite social networks like Facebook™ and Twitter™.

The setup wizard helps you:

- Learn about your phone
- Create or sign into your account
- Make some initial decisions about how you want to use your phone

2.3.3 Turning your phone off

1. Press and hold ① to open the **Phone options** menu.
2. Touch **Power off**.
3. Touch **OK**.

2.4 Using the touchscreen

2.4.1 Touchscreen actions

- **Touch:** Use the touch of your finger to select an item, confirm a selection, or start an application.
- **Touch and hold:** Touch an item with your finger and continue to press down until your phone responds. For example, to open the options menu for the active screen, touch the screen and hold down until the menu appears.
- **Flick:** Move your finger either vertically or horizontally across the screen.
- **Drag:** Touch and hold the desired item with your finger. To move an item, drag the item to any part of the screen. You can drag an icon to move or delete it.

2.4.2 Rotating the screen

The orientation of most screens will rotate with the phone as you turn it from upright to sideways and back again.

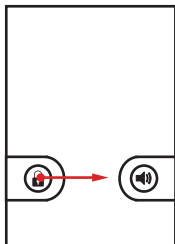
2.5 Locking and unlocking the screen

2.5.1 Locking the screen

- When your phone is on, press  to lock the screen. When the screen is locked, you can still receive messages and calls.
- If your phone is idle for a while, the screen will lock automatically.

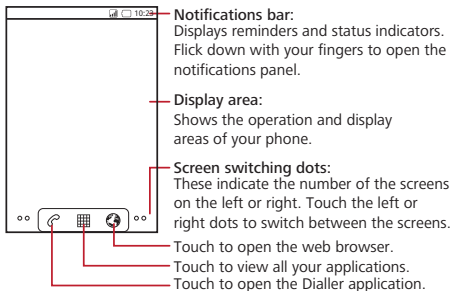
2.5.2 Unlocking the screen

1. Press ① to wake the screen up.
2. Drag the Lock icon from left to right to unlock the screen.



- ❗ If you have set up a screen unlock pattern, you will be prompted to draw the pattern on the screen to unlock it.

2.6 The Home screen



2.6.1 Notification and status icons

	Call in progress		Call in progress using a Bluetooth device
	Call forwarding on		Call on hold
	Missed call		Connected to a PC
	GPS connected		Music playing
	New voicemail		New message
	GPRS connected		GPRS in use
	EDGE connected		EDGE in use

2.6.2 Notification panel

Your phone will notify you when you receive a new message or there is an incoming event. The notification panel also informs you about alarms and settings -for example, when **Call forwarding** is activated. Open the notification panel to see who the wireless network operator is or to view a message, reminder, or event notification.

Opening the notification panel

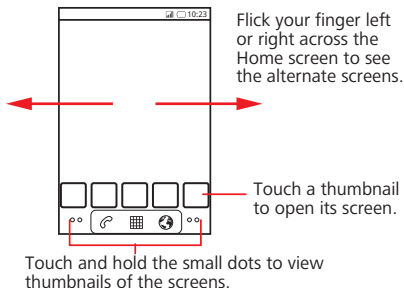
1. When a new notification icon appears on the notification bar, touch and hold the notification bar, and then flick down to open the notification panel.
2. On the notification panel, you can do the following:
 - Touch a notification to open the related application.

- Touch **Clear** to clear all notifications.

Closing the notification panel

Touch and hold the bottom of the panel. Then flick up to close it.

2.6.3 Viewing other parts of the Home screen



2.6.4 Customizing the Home screen

Adding a new screen item

1. Touch and hold a blank area on the Home screen until the **Add to Home screen** menu is displayed.
2. Select an item to add it to the Home screen.

Moving a screen item

1. Touch and hold an item on the Home screen until the item expands in size and the phone vibrates.
2. Without lifting your finger, drag the item to the desired position on the screen, and then release it.

Removing a screen item

1. Touch and hold an item on the Home screen until the item expands and the phone vibrates.
2. Without lifting your finger, drag the item to the trash can. When the item and the trash can turn red, the item is ready to be removed.
3. Release the item to remove it from the Home screen.

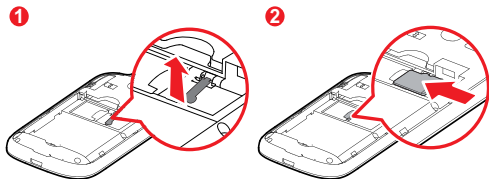
2.6.5 Changing the wallpaper

1. On the Home screen, touch **MENU > Wallpaper**.
2. Do any of the following:
 - Touch **Pictures** to select a picture and set it as the wallpaper.
 - Touch **Wallpapers** to select a picture and set it as the wallpaper.

2.7 Using a microSD card

2.7.1 Installing the microSD card (optional)

If you want to expand your phone memory, you can insert a microSD card.



Pull the microSD card handle (the blue flap) up. Then insert the microSD card into the slot as shown, and put the card handle back to lock it in place.

1. Open the microSD card cover.
2. Insert the microSD card into the card slot as shown in the diagram.

2.7.2 Using the microSD card as USB mass storage

To transfer all your favorite music and pictures from your PC to your phone's microSD card, set the microSD card as USB mass storage.

1. Connect your phone to your PC with the USB cable. Your PC will detect the microSD card as a removable disk.
2. Touch the notification bar, flick downwards to open the notifications panel, and then touch **USB connected**.
3. In the dialogue box, touch **Turn on USB storage** to confirm that you want to transfer files.

You can now transfer files from your PC to your phone's microSD card.

- ❗ When your microSD card acts as USB mass storage, your phone will not use this memory space. Your PC will tell you how to safely disconnect the USB mass storage device (your phone) when you have finished transferring files.

2.7.3 Removing the microSD card

1. Touch  > **Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage** > **Unmount SD card**.
3. Carefully remove the microSD card.

3 Calling

To make a phone call, you can dial a number or touch a number from your contact list, on a Web page, or in a document. When you are on a call, you can answer other incoming calls or send them to your voicemail box. You can also set up conference calls with several participants.

3.1 Making a call

To make a call, you can use the **Dialer** application, or select a number from **Contacts** or **Call log**.

When you are on a call, you can touch  to return to the Home screen and use other functions. To return to the calling screen, flick the notification bar down and touch **Current call**.

- ❗ Do not block the microphone at the bottom of your phone if you want your voice heard.

3.1.1 Making a call

1. Touch  > **Dialer** to display the dialler.

If you are already working with **Contacts** or **Call log**, touch the **Dialer** tab.

2. Touch the appropriate number keys to enter the phone number.
3. Touch  to start the call.

During a call, flick up the **Dialpad** tab to enter other numbers on the dialpad.

3.1.2 Making a call from Contacts

1. Touch  > **Contacts** to display your contact list.

If you are already working with **Dialer** or **Call log**, touch the **Contacts** tab.

2. In the list, touch the contact you want to call.
3. Touch  to dial the phone number.

3.1.3 Making a call from Call log

1. If you are already working with **Contacts** or **Dialer**, touch the **Call log** tab.

2. Touch  to the right of the log entry to dial.

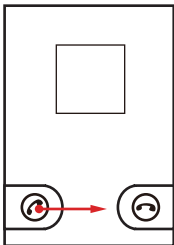
 If you touch and hold a log entry, an options menu will open.

3.2 Answering or rejecting a call

3.2.1 Answering a call

When you receive a phone call, the incoming call screen opens with the caller's name and number that you have entered in **Contacts**.

Drag the  to the right to answer the call.

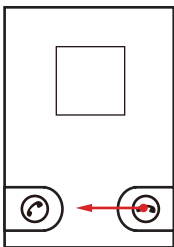


3.2.2 Ending a call

During a call, touch **End** to end the call.

3.2.3 Rejecting a call

Drag the  to the left to reject the call.



3.3 Other operations during a call

3.3.1 Making a conference call

If you receive a new call while you are already on a call, you can connect the second call to the call you are on. This feature is known as conference calling. You can also set up a conference call with multiple callers.

- ❗ Contact your network operator to learn if conference calls are supported and, if yes, how many can participate.
- 1. To initiate a conference call, dial the number of the first participant. After you have connected to the first participant, keep the connection open and touch **Add call**.

2. Enter the phone number of the next person you want to join the conversation and touch  , or select someone from your **Call log** or **Contacts**. The first participant is automatically placed on hold while you do this.
3. Once you have connected to the second person, touch **Merge calls** to begin the conference call.
4. To add more people, touch **Add call**, and then repeat steps 2 and 3.
5. To end the conference call and disconnect everyone, touch **End**.

3.3.2 Switching between calls

If you receive a new call while you are already on a call, you can switch between the two calls.

1. While you are on the first call and the second call comes in, answer the incoming call, and then touch **Swap**.
2. The current call is placed on hold and you are connected to the new call.

3.4 Using the Call log

The **Call log** contains a list of calls that you have dialled, received, or missed. You can use the call log to reference a recently called number quickly or add an incoming number to your contact list.

3.4.1 Adding an entry to Contacts

1. If you are already working with **Dialer** or **Contacts**, touch the **Call log** tab.
2. Touch and hold the entry you want to add.
3. Touch **Add to contacts** in the options menu.
4. Touch **Create new contact** or scroll through the contact list and touch an existing contact name.

3.5 Using Airplane mode

Some locations may require you to turn off your phone's wireless connections. Rather than powering off your phone, you can place it in

Airplane mode.

1. Press and hold ① .
2. Touch **Airplane mode** in the options menu.

4 Contacts

The **Contacts** application enables you to save and manage information such as phone numbers and addresses of your contacts. After you save contact information on your phone, you have easy access to the people with whom you want to communicate.

4.1 Opening the Contacts application

If you have a new phone and have not yet added any contacts, **Contacts** displays a message with hints on how to start adding contacts to your phone.

Touch  > **Contacts** to open the **Contacts** application.

All of your contacts are displayed alphabetically in a list that you can scroll through.

4.2 Importing contacts from a SIM card

1. In the contact list, touch **MENU** > **Manage contacts**.
2. Touch **Copy from SIM card**.
3. If you have more than one account on your phone, touch the account you want to import the contacts into.
4. Wait for the SIM card contents to be loaded. Select the contacts you want to import or touch **Select all** to import all your contacts.

4.3 Adding a contact

1. In the contact list, touch **MENU** > **Create contact**.
2. If you have more than one account with contacts, touch the account to which you want to add the contact.

3. Enter the contact's name, and then add detailed information such as phone number or address.
4. When you are finished, touch **Done** to save the contact information.

4.3.1 Adding a contact to your Favorites

- Touch and hold the contact you want to add to **Favorites**. Then touch **Add to Favorites**.
- Touch a contact, and then touch the star to the right of the contact's name. The star will turn gold.

4.4 Searching for a contact

1. In the contact list, touch **MENU > Search**.
2. Enter the name of the contact you wish to search for. As you type, contacts with matching names appear below the search box.

4.5 Editing a contact

You can make changes to the information you have stored for a contact at any time.

1. In the contacts list, touch and hold the contact whose details you want to edit, and then touch **Edit contact** in the options menu.
2. Touch the category of contact information you wish to change: name, phone number, email address, or any other information you recorded earlier.
3. Make the desired changes to the contact information, and then touch **Done**. To cancel all of your changes, touch **Cancel**.

4.6 Communicating with your contacts

From the **Contacts** or **Favorites** tab, you can quickly call or send a text (SMS) or multimedia message (MMS) to a contact's default phone

number. You can also open details to view a list of all the ways you can communicate with that contact. This section describes how to communicate with a contact when you view your contacts list.

4.6.1 Connecting through Quick Contact for Android

1. Touch the contact's picture or picture frame (if you have not assigned a picture to the contact) to open Quick Contact for Android.
 2. Touch the icon for the way you want to communicate with the contact.
- ❗ The icons available depend on the information you have entered for the contact, the applications on your phone, and the accounts you have.

4.6.2 Communicating with a contact

1. In the contacts list, touch the contact that you want to communicate with.
2. On the contact's details screen, touch the icon to the right of the number to call or send messages.

4.7 Deleting a contact

1. In the contacts list, touch and hold the contact that you want to delete, and then touch **Delete contact** in the options menu.
2. Touch **OK** to confirm that you want to delete the contact.

4.8 Managing groups

4.8.1 Creating a group

1. Press **Contacts**, and then touch the  tab.
2. In the groups list, press **MENU**, and then touch **Create group**.

3. Enter the name and picture you want to store for the group, and then give the group a ringtone.
4. Touch **Add Members** to add members on the group list.
5. Select the contacts to be added to the group, and then touch **OK**
6. When you are finished, touch **Done** to save the group information.

4.8.2 Adding a contact to your groups

To add a contact to your groups, you can do any of the following:

- Touch and hold the contact you want to add to **Groups**. Then touch **Add to groups**.
- When editing a group, press **MENU**, and then touch **Add Members** to select the contacts you want to add to group.

4.8.3 Editing a group

You can always make changes to the information you have stored for a group.

1. In the groups list, touch and hold the group whose details you want to edit, and then touch **Edit group** in the options menu.
2. Make the desired changes to the group information, and then touch **Done**. To cancel all changes you made to the group information, touch **Cancel**.

5 Using the onscreen keyboard

5.1 Displaying the keyboard panel

To enter text, use the onscreen keyboard. Some applications open the keyboard automatically. In others, touch a text field to open the keyboard.

Touch the space where you want to write text to display the keyboard.

Touch  to hide the keyboard.

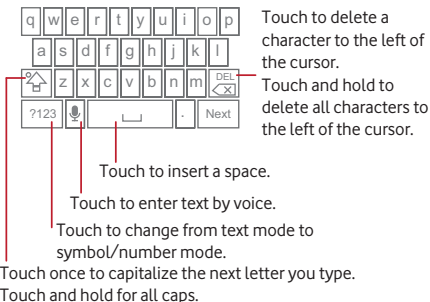
 Touch and hold the space where you usually write your text to open the options menu.

5.1.1 Choosing an input method

1. Touch and hold the space where you enter your text until the **Edit text** menu is displayed.
2. Touch **Input method**.
3. Select the input method.

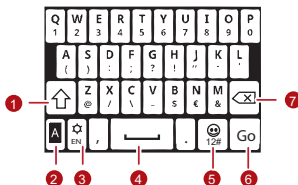
The keyboard panel will be displayed automatically.

5.1.2 Using the Android Keyboard



Touch > **Settings** > **Language & keyboard** > **Android keyboard** > **Voice input** to turn on or turn off voice input.

5.1.3 Using the TouchPal keyboard



1 Touch to change from uppercase to lowercase.

2 Touch to enable word prediction.

3	Touch to set the language for your phone. To select a language, touch  > Settings > Language & keyboard > TouchPal Input > Language .
4	Touch to insert a space.
5	Touch to switch to the Numbers and Symbols keyboard panel.
6	Touch to add a return (this can also mean OK or Go)
7	Touch to delete the character to the left of the cursor. Touch and hold to delete all characters to the left of the cursor.

Switching the keyboard layout

You can switch the keyboard layout only when **TouchPal Input** is selected.

There are three keyboard layouts for you to choose: **Full QWERTY**, **12-Key PhonePad**, and **CooTek T+**.

To switch the keyboard layout, touch and hold one side of the keyboard panel, and then flick the panel to the edge of the screen.

5.1.4 Using the landscape keyboard

If you find the keyboard inconvenient or difficult to use, turn your phone sideways. The screen will display the keyboard in landscape orientation, providing you with a wider keyboard layout.

5.2 Customizing keyboard settings

1. Touch  > **Settings** > **Language & keyboard**.
2. Select an input method to customize the keyboard settings.

6 Messaging

The Messaging application allows you to exchange text messages (SMS) and multimedia messages (MMS) with anyone using an SMS-or-MMS-capable phone. With the **Email** application you can read and send emails.

6.1 SMS and MMS

6.1.1 Opening Messaging

Touch  > **Messaging**.

6.1.2 Creating and sending a text message

1. Touch  > **Messaging** > **New message**.

2. Enter a phone number in the **To** field.

As you enter the phone number, matching contacts appear. You can touch a suggested recipient or continue entering the phone number.

3. Touch the composition text box to start entering your message.

4. Once you are done, touch **Send**.

The message list opens, and your name appears in the list, followed by the message you just sent. Responses appear in the window. As you view and send additional messages, a message thread is created.

6.1.3 Creating and sending a multimedia message (MMS)

You can use multimedia messages to make everyday communications special. You can record a message and send it as an audio file, sing 'Happy Birthday' and send it to friend, or send a slideshow of photographs of a special event. The possibilities are endless.

1. Touch  > **Messaging** > **New message**.

2. Enter a phone number in the **To** field.

3. Touch the text box to start entering your message.

 If you want to enter a smiley face, touch **MENU**, and then touch **Insert smiley**.

4. Touch **MENU** to display the options panel.

- Touch **Add subject** to add the message subject. Your phone is now in multimedia message mode.
- Touch **Attach** to add a picture, music, or video file.

5. When the message is ready to be sent, touch **Send**.

Adding a slideshow

If you want to attach more than one file to your message, use the Slideshow option.

1. On the message editing screen, touch **MENU** to display the options panel.

2. Touch **Attach** > **Slideshow**, and then select a slide to start editing it.

3. Touch **MENU** and touch **Add slide** to add more slides.

4. Touch **Done** to finish composing your message and return to the multimedia message screen.

5. To alter your multimedia message, touch **Edit** on the multimedia message screen. When the message is ready to be sent, touch **Send**.

6.1.4 Opening and viewing a multimedia message

1. In the message list, touch the message thread you wish to view.

2. Touch the multimedia message to view the message.

6.1.5 Replying to a message

1. In the message list, touch a text or multimedia message thread to open it.
2. Touch the text box to compose your message, and then touch **Send**.

6.1.6 Customizing the message settings

In the message list, touch **MENU**, and then touch **Settings** to customize the message settings.

6.2 Email

Your phone also puts email at your fingertips. With your phone's **Email** application, you can use your email account with Yahoo!, AOL, or other popular email services on your phone.

6.2.1 Adding an email account

When using the **Email** application for the first time, you must configure an email account. The Email setup wizard helps you set up your account. A number of popular email systems are supported. You can work with the same email service that you use on your PC or you can select another email service.

1. Touch  > **Email**.
 2. To customize your email settings, answer the onscreen prompts, and then touch **Next**. Or touch **Manual setup** if you want to set the mail server yourself.
- ❗ If you choose to set up your account manually, you will need the correct details for the account. Contact your email service provider for this information.

3. Enter the account name and the name you want other people to see when they receive an email from you.
4. Touch **Done**.

After the initial setup, your **Email** opens to the screen you were viewing the last time the application was opened. If, however, the **Email** application has not been used for a period of time, it displays the contents of your Inbox or the accounts screen (if you have more than one account).

Adding other email accounts

1. After creating your initial email account, touch **MENU** on the **Inbox** screen, and then touch **Accounts** to access the accounts screen.
2. Touch **MENU** on the accounts screen, and then touch **Add account** to create another email account.

 When adding an additional email account, you have the option to use the new account to send all outgoing messages.

6.2.2 Viewing an email message

1. On the accounts screen, touch the email account you want to use.
2. Access a folder, and then touch the message that you want to view.

6.2.3 Creating and sending an email message

1. On the accounts screen, touch the email account you want to use.
2. On the **Inbox** screen, touch **MENU**, and then touch **Compose** in the options panel.
3. In the **To** field, enter the name or the email address.
4. Enter the subject of your message and compose the message.

To send an attachment with the message, touch **MENU**, and then touch **Add attachment**.

5. When you are finished, touch **Send**.

If you are not ready to send the message, touch **Save as draft** or touch  to save the message as a draft.

6.2.4 Replying to an email message

1. On the accounts screen, touch the email account you want to use.
2. Touch the email message you want to reply to.
3. Touch **Reply** or **Reply all** to reply to the email message.

6.2.5 Deleting an email account

1. On the accounts screen, touch and hold the email account you want to delete.
2. Touch **Remove account**.
3. Touch **OK**.

6.2.6 Changing email account settings

You can change a number of settings for an account, including how often you check for emails, how you are notified of a new mail, and details about the servers the account uses to send and receive mails.

 Your account's incoming and outgoing settings depend on the kind of email service you are using. You can enter the necessary details manually, although you may need to contact your email service provider to obtain the correct information for the account.

1. Touch  > **Email**.
2. On the accounts screen, touch and hold the email account you want to change.
3. Touch **Account settings**.
4. Change **General settings**, **Notification settings**, or **Server settings**.

7 Getting connected

7.1 GPRS/3G

Your phone will be automatically configured to use your wireless service provider's GPRS/3G/EDGE service (if available) when you turn on the phone for the first time. Note that the SIM card must be inserted.

7.1.1 Checking the network connection

1. Touch  > **Settings**.
 2. Touch **Wireless & networks** > **Mobile networks**.
 3. Touch **Network operators** or **Access Point Names** to check the network connection.
- ① Your phone will automatically read the access point of the SIM card. Do not change the details for the access point; as you might not be able to access network sources.

7.1.2 Turning on the data service

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Mobile networks**.
3. Select the **Data enabled** check box to turn on the data connection.

7.2 Wi-Fi

Wi-Fi gives you wireless access to broadband Internet access. To use Wi-Fi on your phone, you need to have access to wireless access points (hotspots). Obstacles that block the Wi-Fi signal will reduce its strength.

7.2.1 Turning on Wi-Fi

1. Touch  > **Settings**.
2. Touch **Wireless & networks**, and then select the **Wi-Fi** check box to turn on Wi-Fi.

7.2.2 Connecting to a wireless network

1. After turning on Wi-Fi, touch  > **Settings**.
 2. Touch **Wireless & networks** > **Wi-Fi settings**. You will see a list of detected Wi-Fi networks in the **Wi-Fi networks** section.
 3. Touch a Wi-Fi network to connect to it.
 - If you select an open network, you will be automatically connected to the network.
 - If you select a network that is secured with Wired Equivalent Privacy (WEP) and connect to it for the first time, enter the password, and then touch **Connect**. If you connect to a secured wireless network that you have already used, you will not be prompted to enter the password again unless you reset your phone to its default settings.
-  On the **Wi-Fi settings** screen, touch **Add Wi-Fi network** to add a new Wi-Fi network.

7.3 Sharing your phone's data connection

You can share your phone's data connection with a single computer using a USB cable: USB tethering. To share your phone's data connection with many devices at the same time, you can turn your phone into a portable Wi-Fi hotspot.

7.3.1 Sharing your phone's data connection via USB (USB tethering)

USB tethering lets you connect your PC or laptop to the internet using your phone's data connection, through a USB cable.

However, you may need to change some settings on your computer to establish a network connection. You won't be able to access your phone's SD card via USB while you're using USB tethering.

❗ You can not share your phone's data connection and SD card via USB at the same time.

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
3. Select the **USB tethering** check box to share your data connection.

7.3.2 Sharing your phone's data connection as a portable Wi-Fi hotspot

By setting your phone as a Wi-Fi hotspot you can wirelessly connect nearby PCs, laptops or other Wi-Fi devices to the internet, using your phone's data connection.

1. Touch  > **Settings**.
2. Touch **Wireless & networks** > **Tethering & portable hotspot**.
3. Select the **Portable Wi-Fi hotspot** check box to share your data connection.

🔑 When **Portable Wi-Fi hotspot** is selected, you can touch **Portable Wi-Fi hotspot settings** to change its network name or secure it.

7.4 Browser

Your phone comes with a web browser. You can use **Browser** to access and browse the Internet.

7.4.1 Opening the browser

Touch  > **Browser** to open the home page.

- 🔍 When the known or open Wi-Fi networks and the mobile networks are present at the same time, your phone will preferably select a Wi-Fi network for internet access.

Open the browser options menu by touching **MENU**, then perform one of the following operations:

- **New window:** Touch to open a new window.
- **Bookmarks:** Touch to display bookmarks.
- **Windows:** Touch to go to the web preview screen. You can switch to another web page or open a new web page on this screen.
- **Refresh:** Touch to refresh the current page.
- **Forward:** Touch to browse the next web page.
- **More:** Touch to open other menus and perform operations such as searching, selecting text, downloading, or setting options.

7.4.2 Opening a web page

1. In a browser window, touch the URL field at the top of the screen.
2. Use the keyboard to enter the web page address. You can touch  to enter the web page address by voice.
3. As you enter the address, matching web page addresses will appear on the screen. If you see the address you want, touch it and go directly to that web page or complete entering the address of the web page you want.

7.4.3 Setting a home page

1. In a browser window, touch **MENU**.
2. Touch **More > Settings > Set home page**.
3. Enter the address of the desired home page, and then touch **OK**.

7.4.4 Managing bookmarks

You can store as many bookmarks as you want on your phone.

Adding a bookmark

1. In a browser screen, go to the web page you want to save as a bookmark.
2. Touch **MENU**, and then touch **Bookmarks > Add**. The add bookmark screen opens.
3. Edit the bookmark name as needed and then touch **OK**.

Opening a bookmark

1. In a browser window, touch **MENU**, and then touch **Bookmarks**.
On the **Bookmarks** screen, touch the **History** tab to view the pages you have visited. Or touch the **Most visited** tab to view the pages you have visited most frequently.
2. Touch the bookmark of the website you want to open.

7.4.5 Customizing the browser settings

Customize the browser to suit your browsing style. Use **Browser** to set page content, privacy, and security preferences. In the browser screen, touch **MENU**, and then touch **More > Settings**.

7.5 Bluetooth

Your phone has Bluetooth, which allows you to create a wireless connection with other Bluetooth devices so you can share files with

your friends, talk hands-free with a Bluetooth headset, or even transfer photos on your phone to your PC.

If you are using Bluetooth, remember to stay within 10 meters (33 feet) of other Bluetooth devices. Be aware that obstacles like walls or other electronic equipment may interfere with your Bluetooth connection.

7.5.1 Turning on Bluetooth

1. Touch  > **Settings**.
2. Touch **Wireless & networks**, and then select the **Bluetooth** check box to turn Bluetooth on. When Bluetooth is turned on, the Bluetooth icon appears in the notification bar.
3. Touch **Bluetooth settings**, and then select the **Discoverable** to make your phone visible to other Bluetooth devices.

7.5.2 Pairing and connecting a Bluetooth device

Your phone's mobile Bluetooth lets you do the following:

- Hands Free Profile (HFP): allows you to use a hands-free Bluetooth device.
- Headset Profile (HSP): allows you to use a mono Bluetooth headset.
- Object Push Profile (OPP): allows you to transfer files through Bluetooth.
- Advanced Audio Distribution Profile (A2DP): allows you to use a stereo Bluetooth headset.
- A/V Remote Control Profile (AVRCP): allows you to control what plays through the Bluetooth headset remotely.

Before you use Bluetooth, you need to pair your phone with another Bluetooth device as follows:

1. Make sure that the Bluetooth function on your phone is enabled.

2. Touch  > **Settings** > **Wireless & networks** > **Bluetooth settings**. Your phone will then scan for Bluetooth devices in range.
3. Touch the device you want to pair with your phone.
4. Enter the pairing password to complete the connection if necessary.

7.5.3 Sending files via Bluetooth

With Bluetooth, you can share pictures, videos, or music files with your family and friends. To send files via Bluetooth, do as follows:

1. Touch and hold the file to be sent. The active options menu is displayed.
2. Touch **Share**, and then touch **Bluetooth** to select a paired device.

7.5.4 Disconnecting or unpairing a Bluetooth device

1. Touch  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Navigate to the **Bluetooth devices** section, and then touch and hold the connected device.

You can also just touch a connected device to disconnect it.

3. Touch **Unpair** to disconnect the device.

8 Entertainment

In addition to being a communication device and personal assistant, your phone also provides you with a multitude of entertainment possibilities. You can take photos, create videos and audio clips, and download and listen to music.

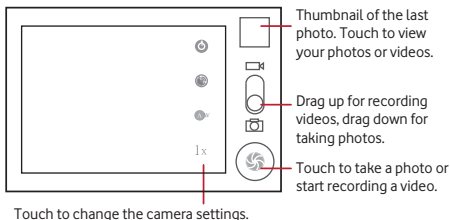
8.1 Taking photos and recording videos

You can use the camera to shoot and share both pictures and videos.

8.1.1 Turn the camera on

- Touch  > **Camera** to open the camera. The camera opens in landscape mode, ready to take a picture or record a video.
- Touch  to close the camera application.

Capture Screen



On the capture screen, touch **MENU** to show the capture panel.

8.1.2 Taking a photo

1. Open your camera and switch to the camera mode.

2. If necessary, change the camera settings. The preview changes as you change the settings.
3. Compose your photo within the photo capture screen.
4. Touch and hold . When the frame turns green, the image is in focus.
5. Release  to take your photo.

The photo you just took is displayed for a moment. You can take another photo or preview your photos.

8.1.3 Viewing your photos

1. After taking a photo, a thumbnail of the photo you have just taken is shown in the upper right corner of the capture screen. Touch the thumbnail to view it.
2. Touch the onscreen button to do any of the following:
 - Touch **Share** to send the photo in a message or post it online.
 - Touch **Delete** to delete the photo.
 - Touch **Set as** to set a picture as contact icon or wallpaper.

8.1.4 Recording a video

1. Open the camera, and then switch to video mode.
2. If necessary, change the video settings.
3. Frame the scene which you want to start your video.
4. Touch  to start recording a video.
5. Touch  to stop recording.

8.1.5 Viewing your videos

After recording a video, a thumbnail of the video you have just recorded is shown in the upper right corner of the capture screen. Touch the thumbnail to view it.

8.2 Using the Gallery

Your **Gallery** application can automatically search for pictures and videos on your phone and your microSD card. Use **Gallery** to sort photos and videos into folders, view and edit pictures, watch videos, and set a picture as wallpaper or as a photo for a contact.

8.2.1 Opening the Gallery

Touch  > **Gallery** to open the viewer.

The **Gallery** application categorizes your pictures and videos by storage location and stores these files in folders. Touch a folder to view the pictures or videos inside.

Touch  to display the gallery panel. On the panel, you can do the following:

- Touch **Capture picture** to open the camera and switch to the picture capture mode.
- Touch **Capture video** to open the camera and switch to the video capture mode.
- Touch **Settings** to go to the gallery settings screen. There, you can set the size of a picture, arrange pictures, play a slideshow, and specify whether to prompt for confirmation when you delete a picture.

8.2.2 Viewing a picture

1. In the **Gallery**, touch the folder that contains the pictures you want to view.
2. Touch the picture to view it in full-screen mode.

3. Touch the screen. Then the zoom panel appears. You can zoom in or zoom out on the picture.

- 🔍 The picture viewer supports the automatic rotation function. When you rotate your phone, the picture adjusts itself to the rotation.

8.2.3 Rotating a picture

1. When viewing a picture, touch **MENU** to display the operations panel.
2. Touch **Rotate**.
3. Select either **Rotate left** or **Rotate right**. The picture is saved with the new orientation.

8.2.4 Cropping a picture

1. When viewing a picture, touch **MENU** to display the more operations panel, and then touch **Crop**.
2. Use the cropping tool to select the portion of the picture to crop.
 - Drag from the inside of the cropping tool to move it.
 - Drag an edge of the cropping tool to resize the image.
 - Drag a corner of the cropping tool to resize the image without changing the length to width ratio.
3. Touch **Save** to save the cropped picture. Touch **Discard** to discard the changes.

8.3 Enjoying music

Before you using music player, you must copy music files from your computer to the microSD card.

Once you have done this, the player will search for music on the microSD card. After the search is complete, you will be able to view all available music files in the music library.

8.3.1 Copying music to the microSD card

1. Connect the phone to your computer with a USB cable and mount the microSD card.
2. On the PC, navigate to the USB drive and open it.
3. Create a folder in the root directory of the microSD card (for example, **Music**).
4. Copy the music from your computer to the folder you have created.
5. After copying music, unmount or eject the drive as required by your PC's operating system to safely remove the phone.
6. Disconnect the phone from the PC.

8.3.2 Opening the media library

Touch  > **Music** to display the media library.

The **Music** application organizes your music files by storage location. It contains four tabs: **Artists**, **Albums**, **Songs** and **Playlists**.

8.3.3 Playing music

1. Touch a category on the music library screen.
2. Touch the song you want to play.

 When you are listening to music, touch  to use another application. Your music continues to play. To return to the music controls, open the notification panel and then touch the song.

8.3.4 Adding music to a playlist

1. Touch a category on the music library screen.
2. In the list that appears, select the song you want to add to the playlist.
3. Touch and hold the song, and then touch **Add to playlist** in the options menu.

- Touch **Current playlist** to add the song to an existing playlist.
- Touch **New** to create a playlist and add the song to it.

8.3.5 Playing a playlist

1. Touch the **Playlists** tab on the music library screen.
2. Touch and hold the playlist you want to play.
3. Touch **Play** to play the playlist.

8.4 Listening to FM Radio

FM Radio lets you listen to FM radio stations on your phone. Since FM Radio uses the provided wired stereo headset as the antenna, you must first connect the headset to the audio jack of your phone before you open the application.

8.4.1 Opening FM Radio

1. Touch  > **FM Radio** to open the application.
2. The first time you open FM Radio, touch **Auto tuning**, which automatically scans for available FM channels, saves them as presets, and plays the first FM channel found.

8.4.2 Tuning FM Radio

Open the **FM Radio** application, and then touch **MENU** to do the following:

- Touch **Inching tuning**, then touch  or  to fine tune the frequency at -0.05 MHz or +0.05 MHz intervals. Touch **OK** when you are satisfied. After tuning, touch **MENU**, and then touch **Save channel**.
- Touch **Auto tuning** to scan automatically for available FM channels.

9 Google services

- ❗ Availability of Google applications, services, and features may vary according to your country or carrier. Please follow the local laws and regulations to use them.

When you turn on your phone for the first time, touch a Google services such as **Talk**, **Gmail**, or **Market**, and you will be prompted to sign in to your Google account.

- ❗ Ensure that your phone has an active data connection (3G/GPRS) before you sign in to your Google account.

If you already have a Google account, touch **Sign in** and enter your username and password.

9.1 Creating a Google account

If you do not have a Google account, you can create one:

1. After reading the setup information, touch **Next**.
2. Touch **Create**.
3. Enter a first name, last name, and user name for your Google account, and then touch **Next**. The phone will connect to the Google server to check whether the username is available. If the username you entered is already in use, you will be prompted to choose another one or select one from a list.
4. Enter and confirm your Google account password.
5. Select a security question from the drop down menu, and then enter the answer.
6. Touch **Create**.
7. When the **Google Terms of Service** screen appears, touch **I agree, Next**.

8. Enter the characters that appear on the screen, and then touch **Next**.

 To use another Google account, go to the **Accounts & sync settings** screen, and touch **Add account** to select which type of accounts you want to add.

9.2 Using Gmail

Gmail is Google's web-based email service. When you first set up your phone, you may have configured it to use an existing **Gmail** account or create a new account. The first time you open the **Gmail** application on your phone, your **Inbox** will contain the messages from your **Gmail** account on the web.

9.2.1 Opening Gmail

Touch  > **Gmail**. The **Inbox** mail list appears. Any emails you decide to keep on your phone will go to your **Inbox** folder.

9.2.2 Switching between accounts

1. In the mail list, touch **MENU**, and then touch **Accounts**.
2. Touch the account that contains the email you want to read.

9.2.3 Creating and sending an email

1. In the mail list, touch **MENU**, and then touch **Compose**.
2. Enter the message recipient's email address in the **To** field. If you are sending the email to several recipients, separate the email addresses with commas. You can add as many message recipients as you want.

If you want to send a copy (Cc) or a blind copy (Bcc) of the email to other recipients, touch **MENU**, and then touch **Add Cc/Bcc**.

3. Enter the email subject and write your message.

If you want to add a picture attachment, touch **MENU**, and then touch **Attach** to select the picture you want to attach.

4. After composing your email, touch **Send**.

9.2.4 Replying to or forwarding an email

1. In the mail list, touch the email that you want to reply to or forward.

2. Touch **Reply**, **Reply all**, or **Forward**.

3. Do one of the following:

- If you selected **Reply** or **Reply all**, enter your message.
- If you selected **Forward**, specify the message recipients and add any additional text you want to include with the forwarded message.

4. Touch **Send**.

9.2.5 Searching for an email

1. In the mail list, touch **MENU**, and then touch **Search**.

2. Enter the search keywords in the box, and then touch .

9.2.6 Customizing your Gmail settings

In the mail list, touch **MENU**, and then touch **More > Settings** to customizing your **Gmail**.

9.3 Using Talk

Talk is Google's instant messaging service. You can use it to communicate in real time with other people using **Talk** on a phone or on the web.

9.3.1 Opening Talk

Touch  > **Talk** to open the application.

❗ Your **Talk** account is based on the Google account you set up with your phone.

9.3.2 Adding a friend

1. In the friends list, touch , and then touch **Add friend**.
2. Enter the **Talk** instant messaging ID or Google email address of the friend you want to add.
3. Touch **Send invitation**.

9.3.3 Accepting an invitation

1. If you have invited anyone to chat or if someone else has invited you to chat, this information will appear in the friends list.
2. Touch a pending invitation, and then touch **Accept**.

9.3.4 Starting a chat

1. In the friends list, touch a friend's name in the friends list.
2. Use the onscreen keyboard to enter text and chat with your friend.
3. After entering your message, touch **Send**.

9.3.5 Setting notifications for new instant messages

Whenever you receive an instant message, your phone can play a sound, vibrate, or display an icon. To set up one of these handy notifications, start in the friends list, and then touch . Then touch **Settings**. Now choose from one of the following:

IM notifications	Select the check box to receive a notification on the notification bar when you receive an instant message.
Select ringtone	Touch to choose the ringtone used for a new instant message. You will hear a short sample of the ringtone when you select it. To turn the ringtone off, select Silent .
Vibrate	Select the check box to make your phone vibrate when you receive a new instant message.

9.3.6 Signing out of Talk

In the friends list screen, touch **MENU**, and then touch **Sign out** to quit **Talk**.

9.4 Using Maps

Maps lets you find your current location, view real-time traffic conditions (depending on availability in your locale), and get detailed directions to various destinations on a satellite, traffic, or other kind of map.

9.4.1 Enabling location source

Before you open **Maps** to find your location or search for places of interest, you must enable "location source".

1. Touch  > **Settings**.
2. Touch **Location & security**.

3. In the **My Location** section, select the **Use wireless networks** check box, **Use GPS satellites** check box, or both.

9.4.2 Opening Maps

Touch  > **Maps** to open the application.

9.4.3 Searching for places of interest

1. On the map, touch **MENU**, and then touch **Search**.
2. Enter the place you want to search for in the search box, and then touch the Search icon.
3. Your search results will then be displayed. Touch a place you are interested in and the application will show where it is on the map.

9.4.4 Getting directions

1. While viewing a map, touch **MENU**, and then touch **Directions**.
2. Enter the starting point in the first text box, and then enter your destination in the second text box.
3. Touch the icon for car, public transit, or walking directions.
4. Touch **Go**. Your directions will appear in a list.
5. Touch a direction item on the list to show it on the map.
6. When you finish viewing or following the directions, touch **MENU** and touch **Clear map** to reset the map.

9.5 Using YouTube

YouTube is Google's free online video streaming service for viewing, searching for, and uploading videos.

9.5.1 Opening YouTube

Touch  > **YouTube**. You will then see the YouTube screen. The videos will be grouped into categories, such as **Most viewed**, **Most discussed**, **Top rated**, and more.

9.5.2 Searching for a video

1. On the **YouTube** screen, touch **MENU**, and then touch **Search**.
2. Enter a search keyword, and then touch the Search icon.
3. You will see a number of search results displayed below the notification bar. Scroll through the results and touch a video to watch it.

9.5.3 Sharing a video

1. On the **YouTube** screen, do one of the following:
 - While viewing a list of videos, touch and hold a video entry, and then touch **Share** on the options menu.
 - While watching a video, touch **MENU**, and then touch **Share**.
2. Compose a message if you want, address the email, and send it.

9.6 Using Market

Android Market provides direct access to applications and games which you can download and install on your phone.

9.6.1 Opening Market

1. Touch  > **Market**.
2. When you open **Market** for the first time, the **Android Market Terms of Service** window will appear. Touch **Accept** to continue.

9.6.2 Searching for applications

There are a few different ways to find applications on the **Market** home screen, including:

- Featured applications.
- List of applications by category: this includes subcategories, which you can sort by popularity (most to least) or by date (newest to oldest).
- List of games.
- Search function.
- Your downloads.

9.6.3 Installing an application

❗ If you want to install a non-Market application, touch  > **Settings > Applications**, and then select the **Unknown sources** check box to allow installation of the non-Market application.

1. In the **Market**, touch **Apps**.
2. Touch a category, and then touch the item you want to download.
3. On the item details screen, read more about the application, including its cost, overall rating, and user comments. If you scroll down to the **About the developer** section, you can see other applications from the same developer, link to the developer's website, or send the developer an email.
4. To install the item, touch **Install** (if the item is free) or **Buy**, whichever is displayed.
5. To check the progress of a download, open the notification panel. Most applications are installed within seconds. To stop an item from downloading, touch **Cancel download**.
6. After the application has been downloaded and installed on your phone, the content download icon appears in the notification bar.

9.6.4 Uninstalling an application

1. On the **Market** screen, touch **Downloads**.
2. Touch the application you want to uninstall, and then touch **Uninstall**.
3. When prompted, touch **OK** to remove the application from your phone.
4. Choose the reason for removing the application, and then touch **OK**.

10 Synchronizing information

Some applications on your phone give you access to the same personal information that you can add, view, and edit on your computer. If you add, change, or delete your information in any of these applications on your computer and then synchronize to the web, the updated information also appears on your phone.

This is made possible through over-the-air data synchronization. The process occurs in the background and does not interfere with the use of your phone. While your phone is synchronizing, a data synchronization icon will be shown in the notification bar.

10.1 Managing your accounts

You can synchronize contacts, email, and other information on your phone with multiple Google accounts or other kinds of accounts, depending on the applications installed on your phone.

For example, you can start by adding your personal Google account, so your personal email, contacts, and calendar are always available. You could then add a work account, so your work-related emails and work contacts are handy. If you like, you may add multiple Google accounts or other accounts.

10.1.1 Adding an account

When you add an account, **Contacts** compares contacts from the newly synchronized account with contacts from your existing phone accounts and then attempts to merge any duplicated details into a single entry in **Contacts**. While it is presented as a single contact entry, the contact data itself is not merged.

1. Touch  > **Settings > Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.
 - ❗ In some cases, you may need to obtain account details from an IT support. For example, you may need to know the account's domain or server address.
2. Touch **Add account**.
3. Touch the kind of account to add.
4. Follow the onscreen steps to enter the required and optional information about the account. Most accounts require a username and password, but the details depend on the kind of account and the configuration of the service to which you are connecting.
5. Configure the account. Depending on the kind of account, you may be asked to configure what kind of data you want to sync to the phone, to name the account, and for other details. When you are finished, the account is added to the list in the **Accounts & sync settings** screen.

10.1.2 Removing an account

You can remove an account, deleting it and all information associated with it from your phone, including email, contacts, settings, and so on. You cannot, however, remove some accounts, such as the first account you signed into on the phone. If you attempt to remove certain accounts, all personal information associated with it will be deleted.

1. On the **Accounts & sync settings** screen, touch the account to delete.
2. Touch **Sign Out**.
3. Confirm that you want to remove the account.

10.2 Customizing your account synchronization

You can configure background data use and synchronization options for all the applications on your phone. You can also configure what kind of data you synchronize for each account.

For some accounts, synchronizing is two-directional; changes that you make to the information on your phone are made to the copy of that information on the web. Some accounts support only one-way synchron; the information on your phone is read-only.

10.2.1 Configuring general sync settings

On the **Accounts & sync settings** screen, do the following:

- Select or uncheck the **Background data** check box to control whether applications and services can transmit data when you are not working with them directly (that is, when they are running in the background).

If you uncheck this option, **Gmail** stops receiving new mail, **Calendar** stops synchronizing events, and so on, until you touch the **Refresh** menu item or send an email.

- Select or uncheck the **Auto-sync** check box to control whether changes you make to information on the phone or on the web are automatically synchronized with each other.

For example, when this option is selected, changes that you make in **Contacts** on the phone are automatically made in Google Contacts on the web.

10.2.2 Changing an account's synchronization settings

1. On the **Accounts & sync settings** screen, touch the account whose synchronization settings you want to change. The data and synchronization screen opens, displaying a list of the kinds of information the account can synchronize.
2. Selected items are configured to synchronize to your phone.
3. Select or uncheck the check box of information you want to synchronize to the phone.

11 Using other applications

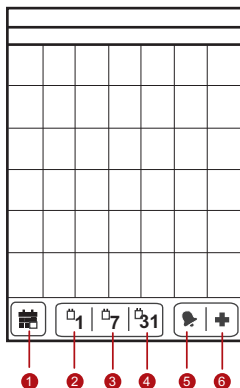
11.1 Using the Calendar

Use **Calendar** to create and manage events. Depending on your synchronization settings, the calendar on your phone stays in synchronization with your calendar on the web.

11.1.1 Opening the Calendar

Touch  > **Calendar** to open the application.

Calendar panel



1 Touch to switch to the current day or time.

2	Switch to Day view.
3	Switch to Week view.
4	Switch to Month view.
5	Switch to Agenda view.
6	Touch to create an event.

11.1.2 Creating an event

1. On any calendar view, touch ^{MENU}. Then touch **New event** to open the **Event details** screen.
 2. Enter the event name on the keyboard.
 - If there is a time frame for the event, touch **From** and **To**, so you can set the duration of the event.
 - If it is a special occasion such as a birthday or a day-long event, set dates for **From** and **To**, and then select the **All day** check box.
 3. Enter the location of the event and the description.
 4. If you have more than one calendar, select the calendar where you want to save the event.
 5. Enter email addresses to invite guests to the event.
 6. Set the time of your event reminder in **Reminders**, and then specify in **Repetition** whether the event repeats and how often it repeats.
 7. Touch **Done**.
-  To quickly create an event in the **Day**, **Week**, or **Month** view, touch and hold an empty time slot, and then touch **New event**. A new event details screen will appear with the selected time slot and date in the **From** and **To** fields.

11.1.3 Setting an event reminder

1. On any calendar view, touch an event to view its details or event summary.
2. Touch the **Add reminder** button to add a reminder. Or touch the reminder's "-" button to delete it.
3. Touch the reminder time, and then touch the length of time before the event when you want to be reminded. When the time comes, you will receive a notification about the event.

11.1.4 Customizing the calendar settings

On any calendar view, touch ^{MENU}, then touch **More > Settings**.

- **Hide declined events:** Select to hide events for which you have declined invitations.
- **Set alerts & notifications:** Touch to set event reminders to alert you, send you a notification, or turn off event notifications on your phone.
- **Select ringtone:** Touch to select the ringtone to sound when you receive an event reminder.
- **Vibrate:** Select to vibrate the phone when you receive an event notification.
- **Default reminder time:** Touch to select the default time before an event for event reminders to occur.

11.2 Using the Clock

In addition to displaying the date and time, the **Clock** application displays information about the weather and your phone. You can also use **Clock** to turn your phone into an alarm clock.

11.2.1 Opening the Clock

Touch  > **Clock** to open the application.

Clock opens with the date and time displayed on your Home screen wallpaper, along with your local weather and other useful information.

11.2.2 Opening the Alarms

On the **Clock** screen, touch  to open the **Alarms**.

Adding an alarm

1. On the alarm list screen, touch **Add alarm**.
2. Set the alarm, and then touch **Done**.

Setting an alarm

1. On the alarm list screen, touch one of the alarms on the screen.
2. Touch **Time** to set the time of the alarm.
3. Touch **Repeat** to set the days when you want the alarm to sound.
4. Touch **Ringtone** to select a ringtone for the alarm.
5. Select the **Vibrate** check box to have the phone vibrate, in addition to playing the ringtone.
6. Touch **Label** to enter a name for the alarm.
7. Touch **Done**.

Customizing alarm settings

On the alarm list screen, touch  **MENU**, and then touch **Settings**.

11.3 Using the Calculator

Use the calculator to solve simple arithmetic problems or use its advanced operators to solve more complex equations.

11.3.1 Opening the Calculator

Touch  > **Calculator** to open the application.

11.3.2 Switching to the Advanced panel

On the **Calculator** screen, flick the screen to the right or left to switch between **Advanced panel** and **Basic panel**.

11.4 Using the Notepad

Notepad features a simple text processor and lists all notes in a linear structure. You can add, edit, and delete notes.

1. Touch  > **Notepad** to open the application.
2. Touch  MENU, and then touch **Add note** to create a note.
3. Touch  to save the note.

12 Managing your phone

To configure your phone, touch  > **Settings**.

12.1 Setting the date and time

By default, your phone automatically uses the date, time zone, and time provided by the network.

❗ When your phone is using date and time settings provided automatically by the network, you cannot manually set the date, time, and time zone.

1. On the **Settings** screen, touch **Date & time**.
2. Clear the **Automatic** check box.
3. Touch **Set date**. On the set date screen, touch **+** or **–** to adjust the date, month, and year, and then touch **Set** when the configuration is complete.
4. Touch **Select time zone**, and then select the desired time zone from the list. Scroll the list to view more time zones.
5. Touch **Set time**. On the set time screen, touch **+** or **–** to adjust the hour and minute. Touch **Set** when the configuration is complete.
6. Select or clear the **Use 24-hour format** check box to switch between 24-hour format and 12-hour format.
7. Touch **Select date format** to select how you want the date to display on your phone.

12.2 Setting the display

12.2.1 Adjusting the screen brightness

1. On the **Settings** screen, touch **Display > Brightness**.
2. Drag the slider left to make the screen darker, or right to make it brighter.
3. Touch **OK** to save the adjustment.

12.2.2 Adjusting the time before the screen turns off

If your phone is idle for several minutes, it will turn the screen off to save battery power. To set a longer or shorter idle time, do the following:

1. On the **Settings** screen, touch **Display > Screen timeout**.
2. Select how long you want the screen to stay.

12.3 Setting ringers

12.3.1 Turning on silent mode

1. On the **Settings** screen, touch **Sound**.
2. Select the **Silent mode** check box to silence all sounds except alarms, and music and video media sound.

12.3.2 Adjusting the volume

You can adjust the volume from the Home screen or any application screen (except during a call or when playing music or videos). Press the Volume keys to adjust volume to the level you want.

You can also adjust the volume from the settings screen.

1. On the **Settings** screen, touch **Sound > Volume**.

2. Drag the slider left to make the volume lower, or right to make it higher.
3. Touch **OK** to save the adjustment.

12.3.3 Changing the phone ringtone

1. On the **Settings** screen, touch **Sound > Phone ringtone**.
2. Touch the ringtone you want to use, and then touch **OK**. The ringtone plays when selected.

12.3.4 Changing the message ringtone

1. On the Home screen, touch  > **Messaging**.
2. In the message list, touch **MENU > Settings > Select ringtone**.
3. Touch the ringtone you want to use, and then touch **OK**. The ringtone plays when selected.

12.4 Setting phone services

12.4.1 Customizing call settings

Your phone service provider offers different services such as call forwarding, call waiting, fixed dialing numbers, and voicemail. You can customize many of these services if they are part of your calling plan.

On the **Settings** screen, touch **Call settings** to customize your call functions.

12.4.2 Turning on data roaming

1. On the **Settings** screen, touch **Wireless & networks > Mobile networks**.
2. Select the **Data roaming** check box.

ⓘ Accessing data services while roaming may incur additional charges. Ask your wireless service provider about data roaming

fees.

12.4.3 Switching off the data service

1. On the **Settings** screen, touch **Wireless & networks > Mobile networks**.
2. Uncheck the **Data enabled** check box.

12.5 Setting text-to-speech

Use the Text-to-Speech settings to configure the Android text-to-speech synthesizer, for applications that can take advantage of this feature.

12.5.1 Installing voice data

1. On the **Settings** screen, touch **Voice input & output > Text-to-speech settings > Install voice data**.
2. If your phone does not have speech synthesizer data installed, connect to Android Market and let it guide you through the process of downloading and installing the data.
3. Follow the instructions to install the voice data.

12.5.2 Adjusting the speech rate

1. On the **Settings** screen, touch **Voice input & output > Text-to-speech settings > Speech rate**.
2. Select the speed at which you want the text to be spoken.

12.6 Protecting your phone

12.6.1 Turning on your SIM card PIN

1. On the **Settings** screen, touch **Location & security > Set up SIM card lock**.
 2. Select the **Lock SIM card** check box.
 3. Use the keyboard to enter the SIM card PIN, and then touch **OK**.
 4. To change the SIM card PIN at any time, touch **Change SIM PIN**.
- ❗ You can dial emergency numbers any time from your phone.

12.6.2 Protecting your phone with a screen lock

To keep your data more secure, lock the screen and/or require a screen unlock pattern every time your phone is turned on or wakes up from sleep mode.

1. On the **Settings** screen, touch **Location & security > Set up screen lock > Pattern**.
2. By moving your finger vertically, horizontally or diagonally, connect at least four dots in any order you choose. Lift your finger from the screen when you are finished.

You must move your finger across the screen to create the pattern, not simply touch individual dots.

3. Your phone will record the pattern. Touch **Continue**.
4. When prompted, draw the screen unlock pattern again, and then touch **Confirm**.

To change your unlock screen pattern, touch **Location & security > Change screen lock**.

12.7 Managing applications

12.7.1 Viewing an installed application

1. On the **Settings** screen, touch **Applications > Manage applications**.
2. In the applications list, do any of the following:
 - Touch **MENU**, and then touch **Sort by size**. Then touch an application to view its details.
 - Touch an application directly to view its details.

12.7.2 Removing an installed application

1. On the **Settings** screen, touch **Applications > Manage applications**.
2. Touch an application, and then touch **Uninstall** to remove the application from your phone.

12.7.3 Ways to free up your phone memory

- Move files and email attachments to the microSD card.
- In **Browser**, clear all temporary Internet files and Browser history information.
- Uninstall any downloaded programs that you no longer use.
- Reset your phone.

12.8 Resetting your phone

12.8.1 Backing up my data

You can use your Google account to back up your phone's settings to Google servers. If you replace your phone, the settings you have backed up will be transferred to the new phone the first time you sign in to your Google account.

1. On the **Settings** screen, touch **Privacy**.
2. Select the **Back up my data** check box.

12.8.2 Restoring factory data

If you reset your phone to the settings that were configured at the factory, all of your personal data stored on the phone, including information about your Google Account, any other accounts, your system and application settings, and any applications you have downloaded will be erased. Resetting the phone does not erase any system software updates you have downloaded or any files on your microSD card, such as music clips or photos.

1. On the **Settings** screen, touch **Privacy > Factory data reset**.
2. When prompted, touch **Reset phone**, and then touch **Erase everything**. The phone resets the settings to the original factory settings, and then restarts.

13 Appendix

13.1 FAQs

How do I set a song as a phone ringtone?

Touch and hold the song to be set as ringtone, and then touch **Use as phone ringtone**.

How do I stop the screen automatically switching orientation when the phone is rotated?

Touch  > **Settings > Display > Auto-rotate screen** to disable this function.

How do I set the unlock pattern?

Touch  > **Settings > Location & security > Set up screen lock > Pattern**.

How can I change the keyboard mode?

Touch and hold the area where you write text and then select the input method you prefer.

How do I stop a song playing in the background?

Touch the notification bar, flick it downwards to open the notifications panel, and then touch the music notification to go to the music player.

How do I return to the Call screen?

If you're in another screen during a phone call, you can get back to the Call screen by touching the notification bar, and dragging it downwards to open the notifications panel. Then touch the Call icon to return to the Call screen.

How do I create an application shortcut on the Home screen?

Touch and hold an application icon on the main menu screen until the Home screen is displayed. Then drag the icon where you want it to go and release your finger.

How do I hide the keyboard?

Touch  to hide the keyboard.

How do I receive an MMS attachment?

Make sure that mobile data is switched on. Your phone will receive MMS attachments automatically.

How do I clear an application's data and cache?

In the **Settings** screen, touch **Applications > Manage applications**. Touch the application whose data or cache you want to clear. In the **Application info** screen, touch **Clear data** or **Clear cache**.



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